

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BOX PATENT APPLICATION

The Commissioner of Patents and Trademarks
P.O. Box 1450, Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing is a new utility patent application of: **Min-Sheng LIU et al.**

Title of Invention: **COLD PLATE WITH VORTEX GENERATOR**

Enclosed are:

A specification and 16 claims.

Seven (7) sheets of formal drawings (Figs. 1-11).

A Combined Declaration and Appointment of Attorney

Assignment to: **Industrial Technology Research Institute**

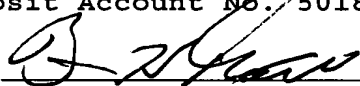
The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA	<u>SMALL</u>	<u>LARGE</u>
			<u>ENTITY</u>	<u>ENTITY</u>
			<u>RATE</u>	<u>FEE</u>
BASIC FEE			<u>\$385.00</u>	<u>\$770.00</u>
TOTAL CLAIMS	16 - 20 =	<u>0</u>	\$ 9.____	\$18.____
INDEP CLAIMS	2 - 3 =	<u>0</u>	\$ 43.____	\$86.____
____ MULTIPLE DEPENDENT CLAIMS			<u>\$145.____</u>	<u>\$290.____</u>
TOTAL				<u>\$770.00</u>

X A check in the amount of \$810.00 to cover the government filing fee and the assignment recording fee is enclosed.

X The Commissioner is hereby authorized to charge any fees associated with this communication, including patent application filing fees and processing fees under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to **Deposit Account No. 501874.**

Date: November 13, 2003



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